

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )  
 )  
 IKEDA et al. )  
 )  
 Application Number: To Be Assigned )  
 )  
 Filed: Concurrently Herewith )  
 )  
 For: HYDROGEN OR HELIUM PERMEATION MEMBRANE )  
 AND STORAGE MEMBRANE AND PROCESS FOR )  
 PRODUCING THE SAME )  
 )  
 ATTORNEY DOCKET NO. HIRA.0230 )

Commissioner of Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified National Stage U.S. patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

**CERTIFICATION**

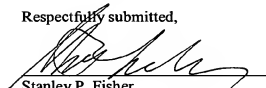
This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

301286311  
14 JUL 2006

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,



Stanley P. Fisher  
Registration Number 24,344

---

Juan Carlos A. Marquez  
Registration No. 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

**July 14, 2006**

Form PTO 1449	ATTY. DOCKET NUMBER	SERIAL NUMBER
	HIRA.0230	To be Assigned 586311
U.S. Department of Commerce Patent and Trademark Office	APPLICANT	
	IKEDA et al.	
Information Disclosure Statement by Applicant	FILING DATE	GROUP
	Concurrently Herewith	

### U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

### Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						Yes	No
/K.H./	2004-182959	12/3/2002	Japan			Abstract	X
V	2001-198431	1/20/2000	Japan			Abstract	X
	57-030528	7/30/80	Japan			Abstract	X

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

[illegible]

EXAMINER	/Karla Hawkins/	DATE CONSIDERED	12/31/2008
<p><i>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</i></p>			